

**From:** Richard Rupert/R3/USEPA/US  
**Sent:** 3/30/2012 6:56:24 AM  
**To:** "Dennis J Low" <djlow@usgs.gov>  
**CC:**  
**BCC:** Dennis Carney  
**Subject:** Re: quick question - Dimock

Thanks Dennis. Please just drop the issue for now.

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Richard Rupert  
On-Scene Coordinator  
Region III U.S.Environmental Protection Agency  
1650 Arch Street, 3HS31  
Philadelphia, PA 19103-2029  
(215) 814-3463 FAX (215) 814-3254  
e-mail rupert.richard@epa.gov

**From:** Dennis J Low [djlow@usgs.gov]  
**Sent:** 03/30/2012 06:17 AM AST  
**To:** Richard Rupert  
**Subject:** Fw: quick question - Dimock

Rich,  
Thought I would pass this along to you.

**Ex. 5 - Deliberative**

Ex. 5 - Deliberative

Dennis J. Low, P.G.  
Hydrologist  
U.S.Geological Survey - WRD  
215 Limekiln Road  
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(717) 730-6959 - Office  
(717) 730-6997 - FAX  
djlow@usgs.gov

----- Forwarded by Dennis J Low/WRD/USGS/DOI on 03/30/2012 06:16 AM -----

**From:** David P Russ/DO/USGS/DOI  
**To:** Dennis J Low/WRD/USGS/DOI@USGS  
**Cc:** Curtis L Schreffler/WRD/USGS/DOI@USGS, James B Campbell/WRD/USGS/DOI@USGS, David P Russ/GD/USGS/DOI, Donna P Rose/GD/USGS/DOI@USGS  
**Date:** 03/29/2012 06:42 PM  
**Subject:** Re: Fw: quick question - Dimock

Dennis:

This is a request that **Ex. 5 - Deliberative** I need to discuss it with you by phone. Please call my secretary, Donna Rose, to arrange a time (hopefully on Friday). Her number is 703-648-6661.

Dave

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David P. Russ  
Regional Executive for the Northeast  
U.S. Geological Survey, MS 953  
12201 Sunrise Valley Drive  
Reston, VA 20192  
Work: (703) 648-6660

**From:** Dennis J Low/WRD/USGS/DOI  
**To:** David P Russ/DO/USGS/DOI@USGS  
**Cc:** Curtis L Schreffler/WRD/USGS/DOI@USGS, James B Campbell/WRD/USGS/DOI@USGS  
**Date:** 03/23/2012 12:07 PM  
**Subject:** Fw: quick question - Dimock

David,

I have been in off/on contact with Richard Rupert from USEPA in regards to Dimock, PA. He is the chief investigator from Region 3.

**Ex. 5 - Deliberative**

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**Ex. 5 - Deliberative**

Thank you.

Dennis J. Low, P.G.

Hydrologist

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----- Forwarded by Dennis J Low/WRD/USGS/DOI on 03/23/2012 11:57 AM -----

From: Richard Rupert <Rupert.Richard@epamail.epa.gov>

To: djlow@usgs.gov

Date: 03/23/2012 06:46 AM

Subject: quick question

Good morning Dennis,

We have gotten our Isotech data back. I presume you know what the Isotech analysis is, but incase this is something you haven't encountered before it's

We had Isotech perform the following analysis:

• **Complete Compositional Analysis of Gases.** <http://www.isotechlabs.com/analytical/sampletype/gas/compositional/>

• **d13C and d2H of methane.** The lab performed this under their "NG-1: Level 1 Natural Gas Characterization" Suite.

<http://www.isotechlabs.com/analytical/sampletype/gas/naturalgas/ng1.html>

• **Stable isotopes of water (O,H).** The lab performed this under their "Stable Isotope Analysis of Water (SIW)". However we did not have them analyze for "δ13C of dissolved inorganic carbon (DIC)."

[http://www.isotechlabs.com/analytical/sampletype/water/stable\\_isotopes.html](http://www.isotechlabs.com/analytical/sampletype/water/stable_isotopes.html)

We have had one of our EPA scientists review the data, but I would like another person to also review it and confirm the results.

Do you know of someone who qualified and willing to review the data?

thanks, hope all is proceeding well.

Rich

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Richard Rupert,

On-Scene Coordinator

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"The commander in the field is always right and the rear echelon is wrong, unless proved otherwise."

Colin Powell